Take Home Messages

Collecting and Analyzing Evaluation Data

- Be prepared to mix qualitative and quantitative data. Mixed approaches often tell the whole story better than either approach alone.
- Quantitative methods are excellent for exploring questions of "quantity": how many people were reached; how much learning occurred; how much opinion changed; or how much confidence was gained.
- 3. The two key elements of a successful survey are a questionnaire that yields accurate data and a high response rate.
- 4. With surveys, descriptive statistics usually are adequate to analyze the information you need about your project. Charting and making comparisons also can help you analyze your findings.

- 5. Qualitative methods are excellent for exploring questions of "why": why your project worked; why some people used the online resources after training and others did not; or why some strategies were more effective than others.
- 6. A good interview study uses a purposeful approach to sampling interviewees.
- 7. Analysis of interview data entails systematic coding and interpretation of the text produced from the interviews. Multiple readings of the data and revised coding schemes are typical.
- 8. In interviewing, you as the interviewer are the "instrument," so you need to assess the steps you took to guarantee that the interview data you collected is as thorough, accurate, inclusive of all viewpoints, and unbiased as possible.

- 1. Burroughs C. **Measuring the difference: guide to planning and evaluating health information outreach.** [Web document]. Seattle, WA: National Network of Libraries of Medicine, Pacific Northwest Region, September, 2000 [cited 26 June 2006]. http://nnlm.gov/evaluation/guide/>.
- 2. The Joint Committee on Standards for Educational Evaluation. **The standards for program evaluation.** Thousand Oaks, CA: Sage, 1994.
- 3. Cui, WW. **Reducing error in mail surveys.** [Web document]. Practical assessment, research & evaluation 2003;8(18) [cited 14 June 2005]. http://PAREonline.net/getvn.asp?v=8&n=18.
- 4. Dillman DA., Tortora RD, Bowker D. **Principles for constructing web surveys** (technical report 98-50). [Web document]. Pullman, Washington: SESRC, 1998 [cited 26 June 2006]. http://survey.sesrc.wsu.edu/dillman/papers/websurveyppr.pdf>.
- 5. Armstrong JS. **Monetary incentives in mail surveys.** Public Opinion Quarterly 1975; 39: 11-116.
- 6. Bosnjak M, Tuten TL. **Prepaid and promised incentives in web surveys.** Social science computer review 2003; 21(2): 208-217.
- 7. Patton, MQ. **Qualitative research and evaluation methods.** 3rd ed. Thousand Oaks, CA: Sage, 2002.
- 8. Krathwohl, DR Considerations in using computers in qualitative data analysis methods of educational and social science research: an integrated approach. [Web document]. Online revision of 2nd ed. Chapter 14. Long Grove, IL: Waveland Press 2005 [cited 6 October 2005]. http://idde.syr.edu/Krathwohl/Chapter14/Considerations.htm.
- 9. Taylor-Powell ET, Renner M. **Analyzing qualitative research. [Web document]. Madison, WI: University of Wisconsin Extension 2003** [cited 4 October 2005]. http://cecommerce.uwex.edu/pdfs/G3658 12.PDF>.
- 10. Glesne C. Becoming qualitative researchers. 2nd ed. New York: Longman, 1999.
- 11. Miles MB, Huberman M Qualitative data analysis 2nd ed. Thousand Oaks, CA: Sage, 1994.